

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning at page 4, line 1, with the following rewritten paragraph:

-- A common feature for displacement compressors is that a volume is expanded during an intake stroke. When the volume is expanded, it is filled with gas, such as air, that flows in through a valve, normally a non return valve. At the end of the intake stroke, a volume that encloses the introduced gas is compressed, and the gas is evacuated through a valve, normally a non return valve. The piston compressor is the most common displacement compressor, and in the piston compressor the volume which is expanded and the volume which is compressed is the same. There are also, for example, rotating displacement compressors where the volume that is expanded is not the same as the volume that is compressed. In a piston compressor, a piston moves inside a cylinder between two dead points, referred to as the upper dead point and the lower dead point respectively. The movement of the piston from the upper dead point to the lower dead point results in a volume being expanded in an intake stroke, ~~as expressed in the preamble of patent claim 1.~~ The piston movement from the lower dead point to the upper dead point results in the introduced volume of gas being compressed and taken out through a non return valve for

outflow during an evacuation stroke, ~~as also expressed in the~~
~~preamble.~~ --